

No 52

# UNIVERSITY OF CHATTANOOGA


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CHATTANOOGA AND  
ATHENS, TENNESSEE

*CATALOGUE*  
*OF*  
*The Athens School*



1919



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# University of Chattanooga

CHATTANOOGA AND ATHENS  
TENNESSEE

CATALOGUE  
OF  
*The Athens School*



NINETEEN HUNDRED AND NINETEEN



## OFFICERS OF ADMINISTRATION AND INSTRUCTION.

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FRED WHITLO HIXSON, D. D., LL.D.

PRESIDENT

JAMES L. ROBB, A. B.

DEAN.

Spanish and Education

A. B., Grant University; graduate study, University of Georgia.

DAVID A. BOLTON, A. M.

Mathematics

A. B., A. M., East Tennessee Wesleyan University.

E. C. FERGUSON, Ph. D.

History and Latin

A. B., A. M., University of Vermont; Ph. D., Boston University.

T. P. HAMBY, A. B.

REGISTRAR

Science

A. B., University of Chattanooga.

MRS. MINNIE YOUNG WARRINGTON, B. O.

French and English

Graduate of Belhaven College; B. O., New York School of Expression.

MARY JOY BAYLESS, A. B.

English and Physical Culture

A. B., University of Chattanooga.

*The Athens School*

A. C. FLESHMAN, Ph. D.

Education

A. B., George Washington University; Ph. D., New York University.

FRANCES MARGARET YOUNG

Methods and Expression

CAROLYN A. JENKINS

Superintendent of Ritter Home

Lucy Webb Hayes Training School; Indianapolis Normal.

FRANCES CULLEN MOFFETT, Mus. B.

Director of Music, Piano, and Harmony

Mus. B., Franco-American Conservatory of Music, Brooklyn, N. Y.

MRS. NELLIE P. HEDGE

Voice

Oldham Conservatory, New York City.

ELIZABETH WILSON

Domestic Arts

Student American School of Home Economics, Chicago.

GERTRUDE BUDD, B. S.

Domestic Science

B. S., Ohio State University; Boston Y. W. C. A. School of Domestic Science.

MRS. EULALIE M. LOWE

Stenography and Typewriting

Louisville Commercial College.

ADELAIDE CRAIG

Violin

The Athens School, University of Chattanooga.

ANITA WHITFIELD

General Assistant of Ritter Home

The Athens School, University of Chattanooga; Lucy Webb Hayes  
Training School.

MARY FORESTINA WAGONER

Kitchen Matron, Ritter Home

MAUDE SMITH

SECRETARY AND LIBRARIAN

The Athens School, University of Chattanooga.

MRS. M. Y. WARRINGTON, B. O.

Preceptress of Bennett Hall

MRS. SUSAN SMITH

Matron of Petty-Manker Hall

## STANDING COMMITTEES OF FACULTY

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BUILDINGS AND GROUNDS—D. A. Bolton, T. P. Hamby, M. V. Warrington

ENTRANCE AND CLASSIFICATION—J. L. Robb, D. A. Bolton, E. C. Ferguson, T. P. Hamby

LABORATORIES—T. P. Hamby, G. Budd

PUBLICATIONS—E. C. Ferguson, J. L. Robb

SOCIAL AND LITERARY EVENTS—C. A. Jenkins, M. Y. Warrington, J. L. Robb

STUDENT ORGANIZATIONS—T. P. Hamby, M. J. Bayless, E. C. Ferguson

LIBRARY—E. C. Ferguson, F. M. Young

ATHLETICS—J. L. Robb, M. J. Bayless

DISCIPLINE—D. A. Bolton, A. C. Fleshman, C. A. Jenkins

EMPLOYMENT—D. A. Bolton, T. P. Hamby, J. L. Robb



## SCHOOL CALENDAR

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- 1919—September 9, 10, Tuesday, Wednesday, Matriculation Days.  
September 10, Wednesday, First Term begins.  
October 30, Thursday, Sapphonian Society Annual.  
November 24, Monday, Term Examinations begin.  
November 26, Wednesday, First Term ends.  
December 1, Monday, Second Term begins.  
December 4, Thursday, Philomathean Society Annual.  
December 20 to January 5 (inclusive), Christmas recess.
- 1920—January 6, Tuesday, Class Work resumes.  
February 12, Thursday, Knightonian Society Annual.  
March 3, Wednesday, Term Examinations begin.  
March 5, Friday, Second Term ends.  
March 8, Monday, Third Term begins.  
March 25, Thursday, Athenian Society Annual.  
April 2, Good Friday—Holiday.  
May 26, Wednesday, Final Examinations begin.  
May 30, Sunday, Baccalaureate and Annual Sermons.  
June 2, Wednesday, Commencement Day.



A Campus Scene

# **GENERAL INFORMATION**

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## **ORGANIZATION**

The Athens School of the University of Chattanooga is organized as a standard College Preparatory and Normal School. Graduates of its College Preparatory Course are admitted to college without examination. Its Normal Course is accredited by the State Board of Education of the State of Tennessee, graduates from this course receiving without examination certificates to teach in any county within the state.

## **LOCATION**

The School is located in Athens, a progressive town of three thousand inhabitants, midway between Chattanooga and Knoxville, on the Southern and the Louisville and Nashville Railways. Athens has an altitude of 900 feet above sea level, and enjoys the advantages of pure air and water. It is practically exempt from epidemic diseases. The climate is mild, and every physical condition is favorable to student life.

In point of morals, the city can hardly be excelled, being unusually free from vice. It is well governed. A spirit of community pride and progressive civic organizations have wrought effectively to create a most desirable city of residence. There are four protestant churches, each having an attractive modern edifice. The citizens are cultured, cordial, and ready to extend any possible kindness to students.

## **GROUNDS, BUILDINGS, AND EQUIPMENT**

The campus embraces about twenty acres. It is set with splendid trees, many of which are large and of great age. It is being improved each year by the addition of new plantings. Memorial gates and other monuments—gifts of graduating classes and

friends—add to its beauty. Good walks connect all the buildings, and lead to the main thoroughfares of the town. In addition to the eight buildings upon the campus, there are tennis courts and an athletic field. A panoramic view of the mountains is to be had from the various buildings. The plant is valued at \$250,000.

**Banfield Memorial Hall**, the gift of Mr. William Banfield, is a brick and stone structure, three stories in height excluding basement. It provides accommodation for all the Science departments, two literary society halls, the library, recitation halls, and the office of the Dean. It is heated with steam and lighted with electricity. Much of the excellent laboratory equipment was provided by Mr. J. W. Fisher.

**Old College Hall**, the original building of the school, is a brick structure three stories in height, and contains two literary society halls, the study hall, and several class rooms.

**Petty-Manker Hall**, the newest building on the campus, is a fine four-story brick building costing over twenty-five thousand dollars. There is perhaps no better dormitory for boys in the country, as every convenience is provided. The rooms are well furnished and comfortable. Two single beds with springs and mattresses, a chiffonier, a combination table and book case, chairs, and rugs constitute the furniture of each room. Steam heat, electric lights, and hot and cold water faucets greatly enhance the comfort and convenience of these rooms. In addition to these features are good light, good ventilation, and ready access to shower baths on each floor. A competent matron is in charge, and one of the instructors also lives in the building. There is a large general dining-room on the first floor that will accommodate one hundred persons.

**Bennett Hall**, one of the halls of residence for young women, is a three-story building well situated, and provides a most comfortable and attractive home. It is well furnished, heated with steam, and lighted with electricity. Both single and double rooms are available. Occupants furnish their own linens.

**The Chapel**, a brick building with comfortable appointments, is used for the daily assembly, recitals, lectures, and commence-



ments and other school convocations. It is well lighted with electricity and equipped with a stereopticon.

**Blakeslee Hall**, the gift of Mr. and Mrs. C. S. Blakeslee, a two-story brick residence, located upon a commanding elevation among stately trees, adjoins the campus. It is the residence of the Dean.

**Hatfield Hall**, a dormitory for boys, has been thoroughly remodeled and the rooms made comfortable and sanitary. All necessary furniture, except bedding, is furnished by the School. Good stoves, electric light, and fuel, together with shower bath and all other necessary conveniences, are offered here at a very low rate. Young men rooming in Hatfield Hall may take their meals at Petty-Manker. If, however, a majority of the young men so desire, a co-operative boarding club may be organized, and the dining-room in the basement of Hatfield Hall may be used for this purpose.

The University owns some small cottages which are rented to self-boarding students at a low rate.

**The Elizabeth Ritter Home**, founded and maintained by the Woman's Home Missionary Society of the Methodist Episcopal Church, provides training in the various branches of household economics, and furnishes a safe and comfortable home for girls attending the School. Girls boarding here do not furnish any bed or table linens. The Home was opened in the autumn of 1891, with an enrollment of thirty girls. The Home having outgrown its accommodations, an annex, known as the Caroline C. Frazer Hall, was built in 1906-1907. Provision can now be made for one hundred girls. Accommodations are promised in the order in which applications are received, so that any girl desiring to board here should forward her application as early in the summer as possible. The Home is steam-heated and electric-lighted, the engine and boiler being outside the building, thus lessening the danger from fire. Excellent fire escapes are permanently attached to the building. For the purpose of aiding girls in securing an education and of giving training in domestic indus-

tries, Ritter Home is conducted on the co-operative plan. The members of the household have their daily duties, which are so distributed and directed as not to interfere with the school work. In connection with these duties, correct housekeeping is taught, and each girl is graded according to the merit of her work. Prompt response to this plan is as essential as attendance upon class work. Because of this co-operative plan, the special low rate of board is given, which includes room, fuel, light, and laundry privileges. A small amount of student aid is given to well recommended girls in need of it. Only those are considered who are prompt and regular in attendance, and whose class work and deportment are satisfactory. Those receiving scholarships are expected to remain the entire year. Besides instruction in general housekeeping duties, special courses are given in plain sewing and dressmaking, household economics, and sanitation and health. By the generosity of the late Captain H. S. Chamberlain, a beautiful sunny room has been fitted for the use of any who may become ill. A uniform dress has been adopted for street and church, consisting of a plain dark blue serge coat suit and college cap. The latter is bought at the Home. Every girl should bring with her a pair of rubbers, an umbrella, and two work aprons. All clothes should be plainly marked. Every girl should have a laundry bag and an ironing pad with her name on them.

Nowhere are the best influences in the formation of character more marked than in the Elizabeth Ritter Home. To this can testify hundreds of women scattered all over the nation, who received their training here.

For further information write Miss Carolyn A. Jenkins, Superintendent of Ritter Home.

### **LABORATORIES**

The laboratories of the school, through the generosity of Mr. John W. Fisher, of the Board of Trustees, are unusually well equipped. The laboratory building contains a Bausch and Lomb projection apparatus for illustrating geographical, physiological, and industrial features.



Banfield Hall

The Chemical Laboratory is furnished with twenty-four desks for individual student use, each fitted with running water and sink, and is supplied with all standard apparatus and a full complement of reagents for qualitative and quantitative analysis.

The Physical Laboratory is equipped with flat-topped tables having suspension frames for supporting purposes, and with cases containing such apparatus as barometers, air pump, electric machines, X-ray, and wireless telegraphy, calipers, Milliken's modification of Atwood's machine, calorimeters, photometers, D'Arsonval's galvanometer, etc.

The Biological Laboratory and Museum contain cases of minerals and rocks, a collection of birds' eggs, skeletons of vertebrates, preserved specimens of invertebrates, Kny-Scherer models of the human body, five Bausch and Lomb compound microscopes, each equipped with one-sixth and two-thirds objectives, etc.

## **THE FOSTER LIBRARY**

Mr. John W. Foster, now deceased, recently made a substantial donation toward the equipment of a library and reading room. For this purpose ample space is provided in the C. H. Banfield Hall. As opportunity offers, additions will be made to the valuable collection of books already on hand. Many of the leading papers and magazines are kept on file, and all the appointments of the Library are attractive.

## **STUDENT ORGANIZATIONS**

### **Literary Societies**

There are four Literary Societies organized under the laws of the institution: The Athenian and Philomathean for men; the Sapphonian and Knightonian for women. Each has a separate hall, tastefully furnished, for meetings, and an appropriate library. Experience has demonstrated the value of these organizations in developing literary taste, as well as ease and garcefulness of expression. Great interest has always been taken in this work by the students. Meetings are held every Friday evening at 7 o'clock. Each society entertains at an open meeting once a



year, and also gives an annual public program in the chapel. In connection with the commencement exercises the Societies give public programs.

### **RELIGIOUS LIFE**

The student Y. M. C. A. and Y. W. C. A. have been very helpful in developing a moral and religious atmosphere in the institution. A short prayer meeting is held every morning before chapel during the school year. The ministerial students also meet one evening each week. Attendance on the daily chapel exercises is required of all students.

### **ATHLETICS**

The School has always been a great advocate of wholesome athletics, and has given encouragement to the various athletic teams.

During the past year athletic activities were temporarily suspended among the boys, but will be resumed the coming year. The girls have had daily athletic training throughout the year, and the results have been most beneficial. One of the pressing needs which the near future must supply is a suitable gymnasium.

### **EXPENSES**

The entire history of the school has been characterized by the efforts of its Trustees and faculties to reduce the cost of a liberal education to such low figures that no student need be deterred on account of his financial condition. It is a source of great satisfaction that the efforts made in this direction have been so successful that many students in the humblest circumstances have been enabled to obtain an education.

From the following table of expenses the actual outlay in any department may be readily computed:

Tuition in Normal Department, per term .....	\$12.00
Tuition in Preparatory Department, per term .....	8.00
Tuition in Music, 1st and 2nd grades, two thirty-minute lessons per week, per term .....	14.00
Tuition in Music, 3rd and 4th grades, two thirty-minute lessons per week, per term .....	17.00

Tuition in Music, 5th and 6th grades, two thirty-minute lessons per week, per term -----	\$21.00
Tuition in Elocution, two lessons per week, per term -----	14.00
Tuition in Art, per term -----	14.00
Tuition in Violin, per month -----	5.00
Incidental Fee, paid by all, per term -----	4.00
Laboratory Fee in Chemistry, per term -----	2.75
Laboratory Fee in Physics, per term -----	1.50
Laboratory Fee in Physiology and Physical Geography, per term ----	1.00
Laboratory Fee in Agriculture, per term -----	1.00
Diploma Fee -----	5.00
Room in Hatfield Hall, per month -----	1.50
Room in Petty-Manker Hall, per month -----	3.50
Room for self-board, with heavy furniture, per month -----	1.00
Students board themselves at a weekly expense of -----	2.00
Room in Bennett Hall, per month -----	3.50
Board and Room in Ritter Home, per week -----	2.00
Board in Petty-Manker Hall, per week -----	3.00

NOTE—The scholastic year of thirty-six weeks is divided into three terms. All charges for tuition, incidentals, and rents must be paid in advance, and no instructor will receive a student into his class except upon the presentation of a ticket showing that a settlement has been made with the treasurer. No money is refunded when a student leaves before the end of a term, except in case of illness.

## **BENEFICIARY FUNDS AND SCHOLARSHIPS**

**The Henrietta Banfield Memorial Fund**—The annual interest on five thousand dollars is now available to apply on the tuition of a few needy deserving students. This bequest is in the memory of the deceased wife of Mr. William Banfield, one of the generous Trustees of the University.

**The A. Caroline Knight Memorial Fund**—By terms of the gift, five per cent. of the inventoried value of this fund is given each year to some worthy and needy student or students.

**Odd Fellows' Scholarship**—The Grand Lodge of Odd Fellows of the State of Tennessee is entitled to four perpetual scholarships. These are granted to the children of deceased Odd Fellows resident in East Tennessee. The beneficiaries are chosen, as far as practicable, from different sections of East Tennessee, by a trustee of the Lodge. The trustee furnishes a certificate of selection.



Petty-Manker Hall — Boys' Dormitory

which admits the student to the school, provided he conforms to its regulations. Students entering with these scholarships are perpetually exempt from paying tuition and incidental fees in the Preparatory Course.

Ministers' children and candidates for the ministry are exempt from paying tuition, but they are required to pay all other fees.

No scholarships are available for students classified below the first preparatory year. Students expecting scholarships must make good records in class standing and deportment.

There are no free scholarships other than those above listed.

### **FINANCIAL AID**

The Board of Education of the Methodist Episcopal Church through its loan fund renders a limited amount of financial aid annually to worthy students. Application for this should be made to the Dean.

### **PRIZES**

Through the generosity of Mrs. J. A. Patten, of Chattanooga, the prizes of fifteen and ten dollars for oratory, established years ago by Mr. Patten, are to be continued.

One representative from each of the classes of the school will take part in the contest.

### **TERMS OF ADMISSION**

Candidates for admission must present certificates from reputable schools, or take a preliminary examination on entrance. Such preliminary examinations will be held at the beginning of each term.

Students desiring to enter the Normal Course must have graduated from a Class 1 High School. For admission to the Academic or College Preparatory Course, one must have completed the common school course. Especial emphasis is placed on the thorough-

ness of the preparation in common English, and any candidate for matriculation who can not read or spell well is required to enter the classes where these subjects are taught.

In every instance, testimonials of good moral character must be furnished. For the scholastic requirements, see courses of study as printed in this catalogue.

Students offering credits from other schools will be furnished with credit blanks, which they must have filled out and signed by the principal of the school from which they come.

On the day of registration, each instructor will be in his classroom to render assistance to any pupil concerning the work of the term or year. After matriculation, each student is regarded as a member of the school until excused by the Dean or the faculty.

Candidates for admission must present a certificate of health, to the effect that they are not suffering from any communicable disease and that they have not recently been exposed to any contagion.

## **RULES AND REGULATIONS**

The policy of the School is to have the fewest rules and regulations consistent with good order and wholesome conditions. Naturally, where a large number of young people are associated together, certain regulations must be in force which would not be necessary if one individual only were concerned, but to a right-minded youth none of the restrictions or requirements will prove burdensome.

All duly announced regulations, whenever made, are as binding as if printed in the catalogue.

The following rules are in force, and all students must, upon entering, agree to observe them:

1. Students are required to register and adjust their bills immediately upon arrival.

2. Outside students not living with their parents are subject to the same general regulations as those who board in the dormitories, and non-boarders must not visit the boarding halls during study hours without permission.



3. Strict observance of both day and evening study hours and of the hour for retiring is required of all pupils, boarders or otherwise, who are not living with their parents.

4. Study hours are from 8:15 a.m. to 11:45 a.m.; from 1:15 p.m. to 3:30 p.m.; and from 7:00 p.m. to 9:30 p.m.

5. Lights are to be out at 10 p.m.

6. Students are not allowed off the campus during study hours nor after 9:30 p.m., except by permission.

7. Lack of preparation, or a desire to perform some other school duty, will not be sufficient cause for absence from regular school exercises.

8. Studies must not be dropped or new ones taken up without permission from the Dean.

9. All excuses from school duties are to be obtained beforehand if possible, and in no case must they be deferred beyond the day following the absence.

10. No student may withdraw, except at the close of the term, unless excused by the Dean. Students must not be absent from town without permission. Suspension and even expulsion may follow violation of this rule, especially in the case of minors.

11. Instruction from teachers outside the School will not be allowed except by permission: nor shall any person not regularly enrolled as a pupil of the School receive instruction from any teacher of the School except by permission.

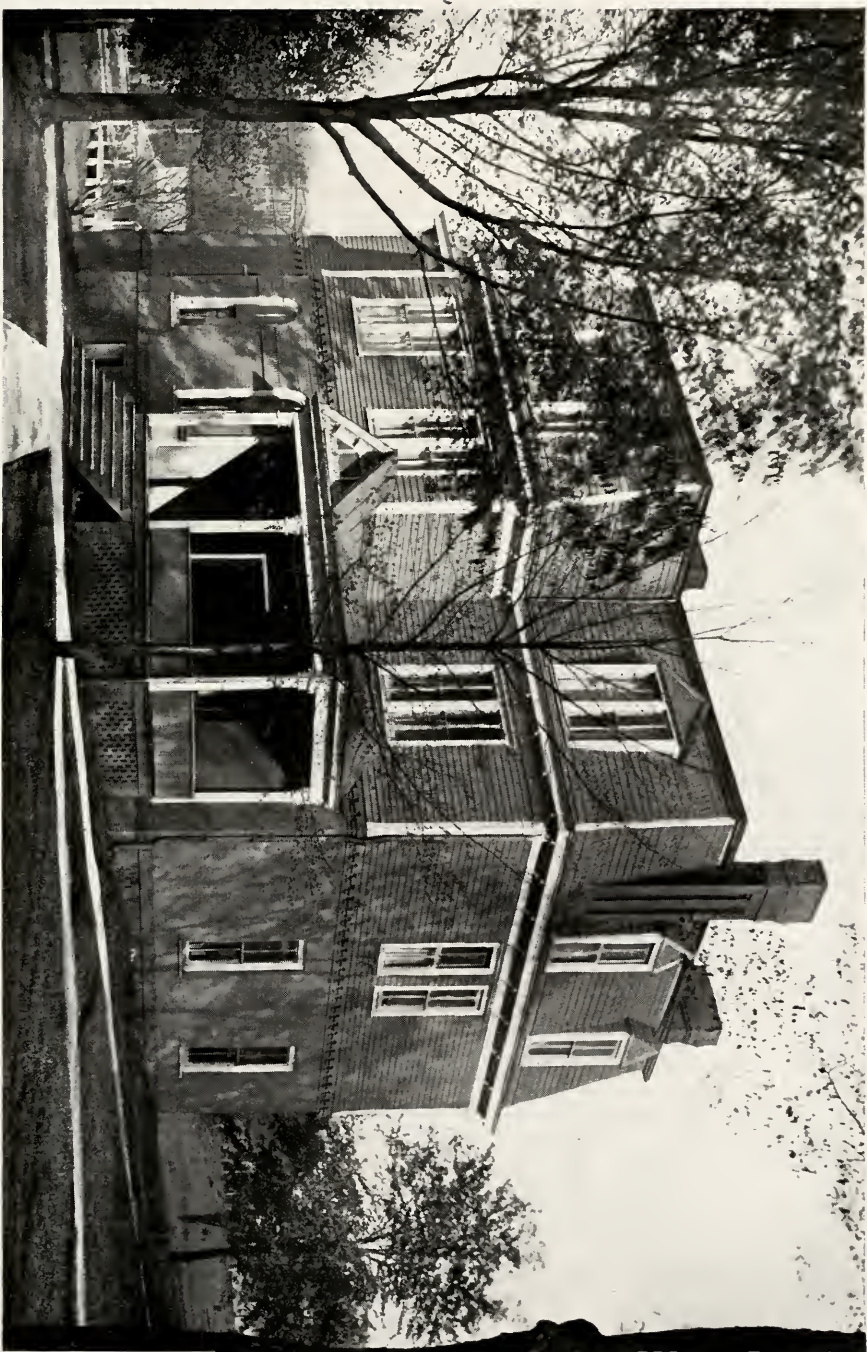
12. Rooms must be in order for inspection before 8:00 a.m. and free access allowed officers and teachers at all times.

13. Card playing, dancing, and attendance upon dancing parties are prohibited.

14. The use of tobacco in any form is prohibited in the School buildings and on the campus and athletic field.

15. Profane or indecent language and visiting pool rooms will not be tolerated.

16. To insure the general safety of all, no student is allowed



Bennett Hall

to have in his possession firearms, or gunpowder or other explosives.

17. Students who are minors must not contract debts of any kind, nor sell nor trade their property, nor lend nor borrow money, without written permission from parents or guardian, which must first be shown to the Dean.

18. Mixed parties of students are not allowed to go on picnics or excursions except by permission, and then only when attended by a member of the faculty.

19. Nothing shall be presented at any public exercise of the school which has not been passed upon by the Dean, or a designated member of the faculty.

20. The literary societies must not contract debts of any kind without the consent of the Dean, and in all matters are under the control of the faculty.

21. No student will be graduated whose indebtedness to the School, or to his or her society, is not paid or provided for.

22. All students are required to attend church on Sunday morning.

23. For the violation of the above or other regulations, students will be liable to demerits, fines, private or public reproof, suspension, or expulsion.



## COURSES OF INSTRUCTION

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The School offers three regular courses and seven special courses. The regular courses are as follows:

1. **The College Preparatory Course** of four years of thirty-six weeks each, preparing for both the classical and the scientific courses in college, also for medical college.

At the completion of this course, the student is given a diploma which will admit him to any college in the South without examination, the preparatory department being on the list of accredited schools of the Southern Association of Colleges and Preparatory Schools.

2. **The Academic Course** of four years of thirty-six weeks each. This course is to prepare teachers for the elementary schools of the state.

At the completion of this course, the student is given a certificate which will admit him to the Normal Course in any standard Normal School, and entitle him to receive, without examination, a state certificate to teach in any of the elementary schools of the State, the same to be granted under the authority of the State Superintendent of Public Instruction. A one-year course is provided for graduates of Class 1 High Schools.

3. **The Normal Course** of two years of thirty-six weeks each. This course is to prepare teachers for the public schools of the state.

At the completion of this course, the student is given a diploma which is a life certificate of qualification to teach in any of the schools of the state except county high schools of the first class.

The special courses include the following:

**Piano—**

1. Students completing Grade IV will be given a certificate.
2. Students completing Grade V will be given a diploma.

**Voice—**

1. A teacher's certificate is given at the end of the third year.
2. A graduate diploma is given at the end of the fourth year.

**Violin—**

1. A certificate is given at the end of the third year.
2. A diploma is given at the end of the fourth year.

**Domestic Science—**

A diploma is given at the end of the third year.

**Domestic Art—**

A certificate is given at the end of the second year.

**Expression—**

1. A certificate is given at the end of the third year.
2. A diploma is given at the end of the fourth year.

**Commercial—**

1. A certificate is given at completion of the three-year course.
2. A certificate is given at completion of the one-year course.

## **CREDITS**

The unit of credit is the equivalent of one recitation a week for one term. In all special subjects—such as cookery, sewing, writing, drawing, industrial arts, and all laboratory work—the “credit” is one-half the equivalent of one recitation period per week for one term.

The minimum requirements for the completion of the Academic Course are 240 “credits.”

The minimum requirements for the completion of the Normal Course are 120 additional “credits.”



Chapel

## REQUIREMENTS FOR GRADUATION

1. **College Preparatory Course**—A total of sixteen units, as defined by the Carnegie Foundation, is required for graduation from this course, of which certain units are required and others elective, as indicated in the course of study. The Pre-Medical Course requires additional units.

2. **Academic Course**—(a) Graduates of a first-class high school, or the equivalent, who are candidates for the Normal Diploma, may receive the Academic Certificate by meeting the requirements of the one-year course.

(b) Students who have had no high school work, or only a portion thereof, will be given the Academic Certificate upon the completion of all the work given in the Four-Year Academic Course.

3. **Normal Course**—Graduates of first-class accredited high schools who are candidates for the Normal Diploma will be admitted to the Junior Year with conditions as follows: Primary Methods, 5 credits; Grammar Grade Methods, 5 credits; Education III, 5 credits; Education IV, 5 credits; Music, 4 credits; Drawing, 3 credits; total, 17 credits. They may be conditioned also in American History and Civics, 10 credits, and Physiology and Hygiene, 3 credits, if they have not had these subjects in their high school course.

**Special Certificates and Diplomas**—Special certificates and diplomas will be awarded to students who have completed the required work in the departments of piano, voice, violin, commercial subjects, domestic science and domestic arts, and expression.

## RECITATIONS AND EXAMINATIONS

Each student must have not less than fifteen nor more than twenty recitations per week, except by special permission of the faculty. A record is kept by each instructor, showing the grade of each student's daily work, and this, together with the result of a thorough written examination at the end of the term, must show

an average of at least 70 on a scale of 100 before the student can be passed in any study. Reports of scholarship and deportment are made out for each student at the close of the term.

In recording grades, letters are used with the following significance:

A+ .....	95 to 100—Excellent.
A .....	90 to 95—Very Good.
B .....	80 to 90—Good.
C .....	70 to 80—Fair.
D .....	Below 70—Failure.

Any student desiring examination in any subject except at the hour of class examination, is required to make application to the faculty. If the request is granted, a fee of one dollar per recitation hour will be charged. Examinations for conditioned students will be held at the beginning of each term.

It is very important that students enter classes at the beginning of the term, and keep in mind that constant, prompt attendance is necessary for the attainment of high grades. Students must not leave classes, nor take up new studies, except upon written approval of the proper officers.

## **COURSES OFFERED**

### **AGRICULTURE**

1. Elementary
2. Field Crops
3. Animal Husbandry
4. Horticulture

4. Rural Sociology
5. General Psychology
6. Child Study
7. School Administration
8. School Sanitation
9. Educational Psychology

### **BOOKKEEPING**

1. Elementary
2. Advanced
3. Penmanship

### **ENGLISH**

1. Composition and Rhetoric
2. Composition and Rhetoric
3. English Literature
4. American Literature
5. Rhetoric
6. Teaching Literature
7. Advanced Grammar

### **DRAWING**

1. Elementary
2. Advanced

### **EDUCATION**

1. History of Education
2. Elementary Psychology
3. School Management

### **EXPRESSION**

1. First Year
2. Second Year



**FRENCH**

1. First Year
2. Second Year
3. Third Year

**HISTORY**

1. English
2. Ancient
3. European
4. Bible
5. American
6. Civics
7. Teaching of History

**HOME ECONOMICS**

1. Elementary Cooking
2. Elementary Sewing
3. Advanced Cooking
4. Advanced Sewing
5. Third Year Cooking

**LATIN**

1. First Year
2. Caesar
3. Cicero
4. Vergil

**MATHEMATICS**

1. Arithmetic-Algebra
2. Algebra
3. Plane Geometry
4. Algebra
5. Solid Geometry

6. Trigonometry
7. Teachers' Arithmetic

**METHODS**

1. General
2. Primary
3. Grammar School
4. Acad. Orserva. Practice
5. Senior Orserva. Practice

**PHYSICAL EDUCATION**

1. First Year
2. Second Year
3. Playground Methods

**SCIENCE**

1. General Science
2. Biology
3. Physics
4. Chemistry
5. Teacher's Geography

**SPANISH**

1. First Year
2. Second Year
3. Third Year

**STENOGRAPHY**

1. First Year
2. Second Year

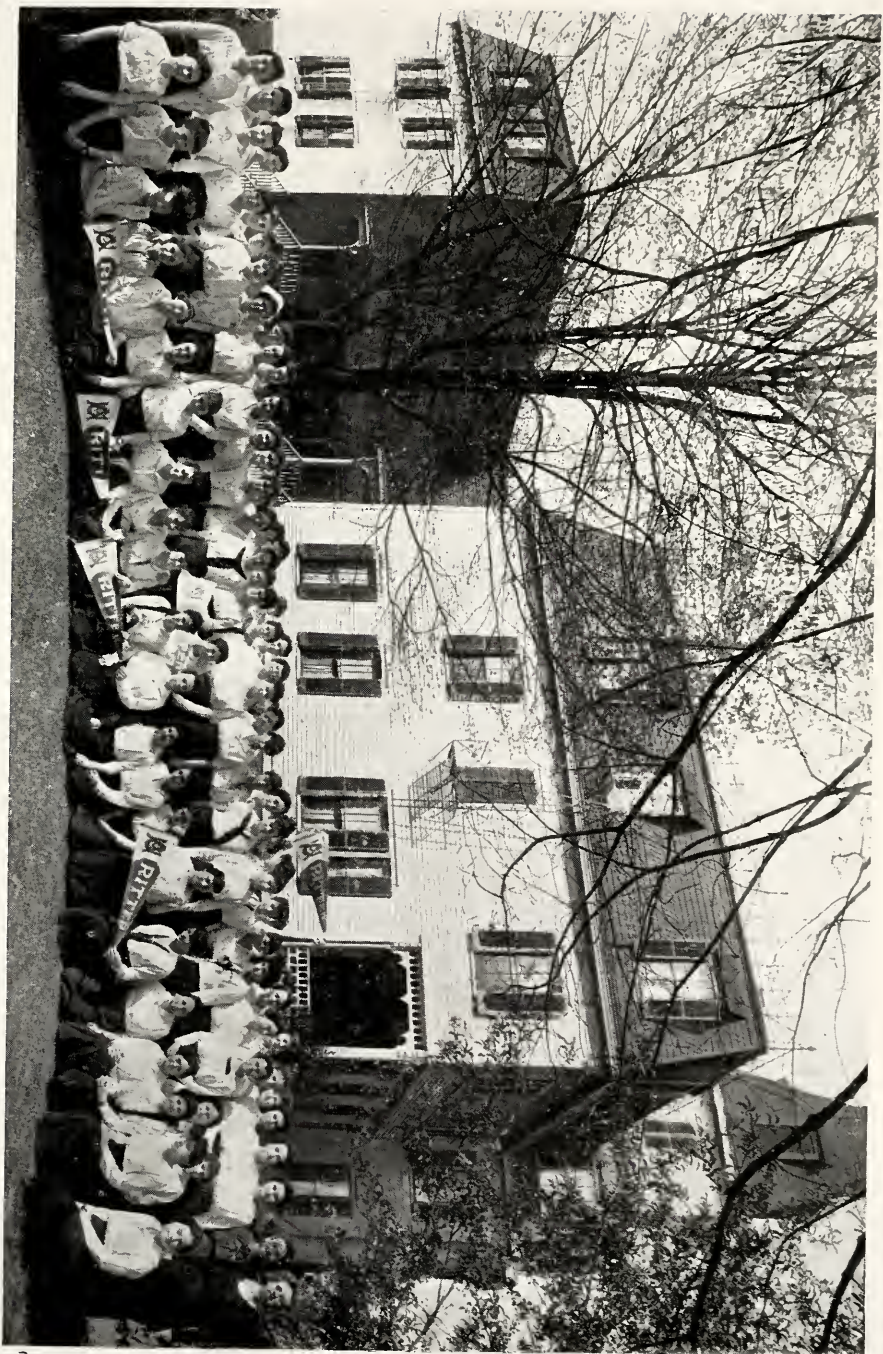
**TYPEWRITING**

1. First Year
2. Second Year

**COLLEGE PREPARATORY COURSE****FIRST YEAR****REQUIRED***First Term—*

English Composition and Classics  
 Elementary Algebra  
 First Latin or English History  
 General Science

**ELECTIVE**



Ritter Hall

## REQUIRED

## ELECTIVE

*Second Term—*

English Composition and Classics  
 Elementary Algebra  
 First Latin or English History  
 General Science

*Third Term—*

English Composition and Classics  
 Higher Arithmetic  
 First Latin or English History  
 General Science

## SECOND YEAR

*First Term—*

(Take 2)

English Composition and Classics  
 Algebra

Caesar  
 Ancient History  
 Biology

*Second Term—*

Same as first term

*Third Term—*

Same as first term

## THIRD YEAR

*First Term—*

(Take 2)

English Literature and Classics  
 Plane Geometry

Cicero's Orations  
 Physics  
 European History  
 French or Spanish

*Second Term—*

Same as first term

*Third Term—*

Same as first term

## FOURTH YEAR

*First Term—*

(Take 3)

American Literature and Classics

Advanced Algebra

*Second Term—*

Same as first term

Chemistry  
 Bible History  
 Vergil

*Third Term—*

Same as first term.

French or Spanish

*Third Term—*

Solid Geometry in place of Algebra

(Note—Chemistry or Physics is required of all; four years of foreign language is required of all; in the classical course the four years must be all Latin. Solid Geometry is required in the Scientific Course.)



## ACADEMIC COURSE

### FIRST YEAR

(60 credits required)

#### REQUIRED

#### ELECTIVE

##### *First Term—*

English Composition and Classics (5)  
Higher Arithmetic (5)  
First Latin or English History (5)  
General Science (5)

##### *Second Term—*

English Composition and Classics (5)  
Higher Arithmetic (5)  
First Latin or English History (5)  
General Science (5)

##### *Third Term—*

English Composition and Classics (5)  
Algebra (5)  
First Latin or English History (5)  
General Science (5)

### SECOND YEAR

(60 credits required)

##### *First Term—*

English Composition and Classics (5)  
Algebra (5)  
Biology (5)  
Caesar or Ancient History (5)

##### *Second Term—*

English Composition and Classics (5)  
Algebra (5)  
Biology (5)  
Caesar or Ancient History (5)

##### *Third Term—*

English Composition and Classics (5)  
Algebra (5)  
Biology (5)  
Caesar or Ancient History (5)

## THIRD YEAR

(51 credits required; 15 credits elective)

## REQUIRED

## ELECTIVE

*First Term—*

English Literature and Classics (5)	Cicero's Orations (5)
History of Education (5)	Agriculture (5)
Plane Geometry (5)	Domestic Science (5)
Public School Music (2)	Physics (5)
	European History (5)

*Second Term—*

English Literature and Classics (5)	Cicero's Orations (5)
History of Education (5)	Agriculture (5)
Plane Geometry (5)	Domestic Science (5)
Public School Music (2)	Physics (5)
	European History (5)

*Third Term—*

English Literature and Classics (5)	Cicero's Orations (5)
Plane Geometry (5)	Agriculture (5)
Rural Sociology (5)	Domestic Science (5)
Public School Music (2)	Physics (5)
	European History (5)

## FOURTH YEAR

(51 credits required; 15 credits elective)

## REQUIRED

## ELECTIVE 1ST AND 2ND TERMS

*First Term—*

American Literature and Classics (5)	Advanced Algebra (5)
Elementary Psychology (5)	Chemistry (5)
General Methods (5)	Vergil (5)
Expression (2)	French (5)
	Spanish (5)

*Second Term—*

American Literature and Classics (5)	Bible History (5)
Primary Methods (5)	Domestic Science (5)
Expression (2)	Manual Training (5)
	Agriculture (5)

*Third Term—*

American Literature and Classics (5)	Same as above, except Teachers'
School Management (5)	Arithmetic instead of Advanced
Observa. and Practice Teaching (5)	Algebra.
Expression (2)	
(Physics or Chemistry required)	



First Methodist Episcopal Church

**NORMAL COURSE****JUNIOR YEAR**

(51 credits required; 15 credits elective)

**REQUIRED****ELECTIVE***First Term—*

Rhetoric (5)  
 General Psychology (5)  
 Physical Education (2)

Agriculture (5)  
 Manual Training (5)  
 French (5)  
 Spanish (5)  
 Domestic Arts (5)  
 American History (5)  
 Trigonometry (5)

*Second Term—*

Rhetoric (5)  
 General Psychology (5)  
 Teachers' Arithmetic (5)  
 Physical Education (2)

*Third Term—*

Rhetoric (5)  
 Teachers' Geography (5)  
 Physical Education (2)

**SENIOR YEAR**

(46 credits required; 20 credits elective)

*First Term—*

Teaching of Literature (5)  
 Child Study (5)  
 School Sanitation (5)  
 Drawing (2)

Agriculture (5)  
 Civics (5)  
 French (5)  
 French (5)  
 Spanish (5)  
 Domestic Arts (5)

*Second Term—*

Teaching of Literature (5)  
 School Administration (5)  
 Educational Psychology (5)  
 Drawing (2)

*Third Term—*

Advanced Grammar (5)  
 Observa. and Practice Teaching (5)  
 Drawing (2)

**ONE-YEAR ACADEMIC COURSE**

(Open to graduates of first-class high schools)

*First Term—*

General Psychology (5)  
 Primary Methods (5)  
 Rhetoric (5)  
 Teachers' Arithmetic (3)

Expression (2)

Drawing (2)

*Second Term—*

General Psychology (5)

General Methods (5)

Grammar Grade Methods (5)

Rhetoric (5)

Teachers' Geography (3)

*Third Term—*

School Management or School Administration (5)

Observation and Practice Teaching (5)

Teaching of Literature (3)

Public School Music (2)

Drawing (2)

## **PRE-MEDICAL COURSE**

(Open to graduates of high schools)

### **FIRST YEAR**

Rhetoric

Chemistry

French, Spanish, or Latin

Advanced Algebra or History

(Solid Geometry in third term.)

### **SECOND YEAR**

*First Term—*

Physics

Organic Chemistry

Psychology

French, Spanish or Latin

*Second Term—*

Physics

Psychology

Bible Literature

French, Spanish, or Latin

*Third Term—*

Physics

Psychology

Bible Literature

French, Spanish, or Latin



**COMMERCIAL COURSE****FIRST YEAR****REQUIRED**

English Composition and Classics  
Elementary Algebra and Arithmetic  
Bookkeeping  
General Science or English History  
Spelling

**SECOND YEAR**

English Composition and Classics  
Algebra  
Bookkeeping  
Typewriting  
Spelling

**THIRD YEAR**

English Literature  
Stenography  
Typewriting  
Commercial Law  
Spelling

**ONE-YEAR COMMERCIAL COURSE**

(Prerequisite of two years high school work)

Bookkeeping  
Stenography  
Typewriting  
Commercial Law  
Spelling  
English Literature

# DESCRIPTION OF COURSES

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## AGRICULTURE

1. **Elementary Agriculture**—This course gives a general survey of the conditions of the farm. It includes a study of soils, farm crops, animal husbandry, dairy husbandry, and horticulture.

Text: Sowder, *Elementary Practice in Agriculture*.

2. **Field Crops**—This is an intensive study of the various crops to be grown, such as corn, wheat, oats, barley, rye, flax, cotton, legumes, crop rotation, and weeds.

Text: Wilson and Warburton, *Field Crops*.

3. **Animal Husbandry**—This course takes up a general study of the care, feeding, and judging of live stock, with special attention to poultry, hogs and cows.

Text: Harper, *Animal Husbandry for Schools*.

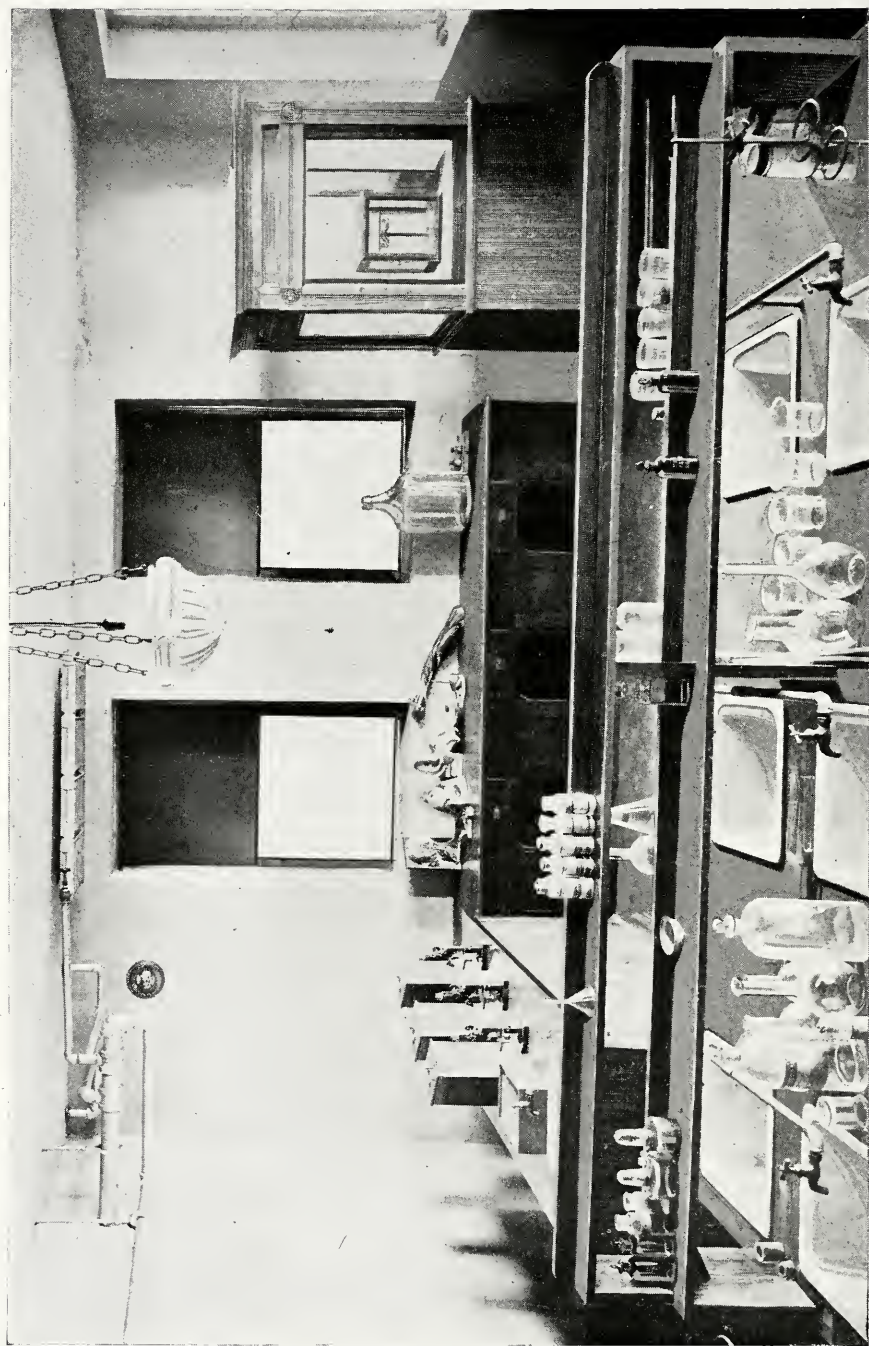
4. **Horticulture**—Garden planning, planting, culture, diseases and insects, and pruning of fruit are the principal topics of this course.

Texts: Bailey, *Principles of Fruit Growing*; Lloyd, *Productive Vegetable Growing*.

## DRAWING

1. This course is intended to enable the teacher to illustrate clearly and appropriately by sketches on the board or paper. It includes: Mechanical and freehand perspective; freehand application of drawing in outline and values, using geometric solids and still life forms; blackboard drawing; sketching of flowers, fruits, grasses, and seedpods; studies of animals and figures in action.

2. This course is a continuation of the work begun in Course 1, adding some work in color.



A Laboratory Interior

## COMMERCIAL SUBJECTS

Mrs. LOWE

In the Commercial Department is taught a new and modern system of Shorthand, introducing new methods and abbreviations and shorter form in common use, especially contractions adapted to court reporting, etc.

### Typewriting

We teach the Touch System; in fact, it is the only system worth learning. This system, besides yielding a far greater degree of accuracy than the sight system, enables the operator to acquire much greater speed in transcribing his notes, and in doing copying of any kind. It is the aim of this department to thoroughly drill the students of shorthand and typewriting in Actual Business Letter Writing, covering forty-two branches of business.

### Bookkeeping

1. This course first gives an introduction to business and business methods, which is followed by single entry bookkeeping and then by some work in double entry. Business correspondence is also fully treated.

Texts: Teller and Brown, *Business Course*; Williams and Roger, *First Steps in Bookkeeping*.

2. This course is a continuation of Course 1, taking up more difficult sets of books in double entry. It also includes a study of commercial law.

**Penmanship**—This course is intended for those students who expect to teach writing.

## DOMESTIC ART

MISS WILSON

1. **Elementary Sewing**—Stitch forms, hemming, seams, bands, sewing on buttons, hooks and eyes, patching, darning, etc. Four periods per week.

2. **Advanced Sewing**—The making of undergarments, shirt-waists, skirts, and dresses. Four periods per week. Students are required to furnish all working materials. Fees for students not living in Ritter Home, \$1.00 per term.

In the sewing department each girl is allowed to put a part of her time in the sewing classes upon her own wardrobe, so that she can be well dressed for the mere cost of materials.

## DOMESTIC SCIENCE

MISS BUDD

1. A study of the foods and the principles involved in their preparation. Two double periods per week. Laboratory fee, 50 cents per term.

2. A study of the home, including an elementary course of Household Sanitation, Management and Decoration. Three recitation periods per week.

3. A continuation of Course 1, including work in advanced cooking, and the planning and preparation of meals. One afternoon per week. Laboratory fee, \$1.00 per term.

A limited number of pupils not living in Ritter Home will be admitted to courses in Household Economics at a special rate of \$3.00 per term.

## EDUCATION

DR. FLESHMAN, DR. FERGUSON, DEAN ROBB

1. **History of Education**—Text: Graves, *Student History of Education*. Ten credits.

The aim of this course is to give students a sufficient knowledge of educational thought to enable them to better understand our educational system of today, and give them a proper perspective.

2. **Elementary Psychology**—Text: Colvin and Bagley, *Human Behavior*. Five credits.

The aim of the course is to formulate psychological prin-



ciples and to provide information that may be applied to the solution of problems in teaching. Special effort is given to the emphasis of topics that are most closely related to the practical knowledge of every day life. Among these are instinct, habit, feeling, memory, attention, the nervous system, economy in learning.

**3. School Management**—Text: Bagley, *Classroom Management*. Five credits.

This course includes a study of the fundamental problems of school management, both within the school room and without. It is intensively practical, teaching fully the kind of problems which are sure to be encountered by the teacher in the management of a school.

**4. Rural Psychology**—Text: Cubberley, *Rural Life and Education*. Five credits.

This course aims to give students a knowledge of rural conditions and plans for the reorganization of rural schools that they may function more largely in the life of the community.

**5. General Psychology**—Text: Angell, *General Psychology*. Ten credits.

The development and training of the senses, the three phases of mind, imagination, judgment, reasoning, the will, character, discipline, definitions and explanations of technical terms. The pupil is confronted with actual problems, written exercises, themes, debates.

**6. Child Study**—Text: Terman, *The Hygiene of the School Child*. Five credits.

This course is a study of the stages of evolution of the physical and mental nature of the child, including the prominent features of adolescence.

**7. School Administration**—Text: Colgrove, *The Teacher and the School*. Five credits.

This course deals primarily with the various administrative features of schools, including a study of school officials—local,

state, and national—their duties and jurisdiction; of school law, school finance, buildings, and equipment.

8. **School Sanitation**—Text: Dressler, *School Hygiene*. Five credits.

This course includes a study of the physical features of the school such as heating, lighting, and ventilation or building; the water supply; the improvement of health conditions of the students in general.

9. **Educational Psychology**—Text: Horne, *Psychological Principles of Education*. Five credits.

This course seeks to apply the principles of child psychology to the learning and teaching processes.

## METHODS

MISS YOUNG

1. **General**—Text: Strayer's Course.

A careful study of the aim of education, the factors conditioning the teaching process, valid methods of instruction, as well as the technique to be used. The drill lesson, inductive and deductive reasoning, social phases of the recitation, physical welfare of children, moral training, lesson plans.

2. **Primary**—This course deals with the teaching of reading, language, spelling, numbers, and handwork in primary grades. Five credits.

3. **Grammar School**—The content and methods of teaching grammar-school subjects—arithmetic, geography, reading and language. Five credits.

4. **Academic Observation and Practice Teaching**—Five credits.

This course is for the students who desire to receive an academic certificate, and consists of observing the work done in the various grades and in actual practice in teaching certain grades.

5. **Senior Observation and Practice Teaching**—Five credits.



Athenian Literary Society Hall

This course is open only to those students who are applicants for the Normal School diploma. It is required of such applicants.

## ENGLISH

MISS BAYLESS AND MRS. WARRINGTON

1. **English Composition and Classics**—The essentials of grammar are first reviewed. Attention is given to the correction of common errors in speech and writing.

Much practice in oral and written composition is required.

### Classics—

*First Term*—Study: *Courtship of Miles Standish*; *Evangeline*; Reading: *Treasure Island*.

*Second Term*—Study: *Ivanhoe*. Reading: *Sketch Book*.

*Third Term*—Study: *Merchant of Venice*. Reading: *Tale of Two Cities*.

Text: Brooks, *Composition*, Book One.

2. **Composition and Rhetoric**—A careful study of the four forms of discourse as well as grammar and diction, including the drama, the novel, the short story, the essay and poetry, to cultivate an appreciation of these forms of literature. The pupil is encouraged to be constructive rather than imitative. Written and oral themes three times a week throughout the year. Quotations from the best literature.

Reading: *Macbeth*; *Enoch Arden*; *Tale of Two Cities*; *Vision of Sir Launfal*; *Cranford*.

Study: *Merchant of Venice*; *Silas Marner*; *Lady of the Lake*; *Thanatopsis*; *Elegy in a Country Churchyard*; *She Stoops to Conquer*.

Text: Brooks, *Composition*, Book Two.

3. **English Literature**—This course includes a careful study of each epoch from the Anglo-Saxon period through the Victorian Era; a biography of every important writer; a study and analysis of some of the best works of each author. Essays and debates on subjects studied. The aim is to encourage every student to know

literature both historically and personally; to enjoy as well as understand it; to desire to read good books, and to form his own opinion about what our Anglo-Saxon writers called "the things worthy to be remembered."

Text: Long, *English Literature*. A number of classics are read and studied.

4. **American Literature**—A thorough study of the lives of the chief American authors is first required. The best works of the writers are then read and studied. The purpose of this course is to give the student an intimate knowledge of the best American literature.

Reading and Study: *House of Seven Gables; Deerslayer; Gold Bug; Fall of the House of Usher; Autobiography; Emerson's Essays; Selections* from Mark Twain and Joel Chandler Harris; the best poems of the chief American poets. Text: Halleck, *American Literature*.

5. **Rhetoric**—Text: Genung, *Practical Elements of Rhetoric*.

This is an advanced study of rhetorical principles, with practice in punctuation, letter writing, narration, description, and exposition upon subjects suited to the student's attainments.

6. **Teaching Literature**—This is a course in the selection and classification of literature suited to the grades, in story telling, and in the methods and practice of teaching both prose and poetry.

7. **Advanced Grammar**—An intensive course in the subject matter of grammar from a practical standpoint. The relation of the technical to the practical is stressed. Text: Kittredge and Farley, *Advanced English Grammar*.

## EXPRESSION

MISS YOUNG

The purpose of this department is to give thorough training in the technic and art of natural expression, to develop the possibilities and remove hindrances of students; to make natural readers; to encourage a love and appreciation of good literature



through vocal interpretation; to prepare students for effective work as readers and teachers of expression and literature.

Students' recitals will be given occasionally to stimulate the pupils and give ease and confidence of manner before an audience.

1. Physical training, poise, relaxing and energizing exercises, breathing exercises, phrasing, bodily expression, voice reading, tone production, volume, range, and agility, life study. Repertoire.

Reading, phrasing, emphasis, inflection, enunciation, study of Longfellow and Tennyson.

2. Elements of oratorical action, principle of form, vocal formation.

Study in melody and inflection, minor inflection, tone color, study and delivery of selections. Repertoire.

Two years of advanced individual work for those desiring it.

## FRENCH

MRS. WARRINGTON

1. **Beginners' Course**—Grammar and exercises; drill in pronunciation; memorizing of easy colloquial sentences; selections from French reader.

2. **Grammar Continued**—Review of the irregular verbs; acquisition of the most important rules of syntax; Daudet, *Trois Contes Choisis*, or about fifty pages from a French Reader; Mérimée, *Colomba*. Free reproduction and composition based on texts read; dictation.

3. **Sight Reading**—Prose composition; conversation; songs and story telling; modern prose selections from Hugo, Balzac, Mérimée, and other writers.

## HISTORY

DR. FERGUSON

The mode of instruction in History is by a combination of the recitation and lecture methods. Each student is required to

keep a notebook. Frequent reports, based on collateral reading, are required. The correlation of geography and history is stressed.

1. English History through the First Preparatory Year.  
Text: Cheney, *Short History of England*.

2. Ancient History through the Second Preparatory Year  
Text: Morey, *Outline of Ancient History*.

3. European History through the Third Preparatory Year.  
This work begins with Charlemagne and continues to the present history of Europe. Text: Harding, *Essentials of Mediaeval and Modern History*.

4. English Bible through the Fourth Preparatory Year.  
Text: The Bible; Moulton, *Literary Study of the Bible*.

5. American History through the Fifth Year. Texts: Muzey, *American History*; Woodrow Wilson, *History of the American People*.

6. **Civics**—Text: Ashley, *American Government*.

7. **Method in History**—Text: Hinsdale, *How to Study and Teach History*.

## LATIN

DR. FERGUSON

1. Constant drill is given on the inflected forms. Students are taught to build up the word from the root itself. All the important points of syntax are studied, and constant reviewing is required. Strict attention is given to a correct pronunciation according to the Roman method, to accentuation, and to quantity. The class work appeals both to the ear and the eye, the composition work being both oral and written. In all the translations into English, a pure idiomatic use of the English language is required throughout the entire four years' course.

Text: Pearson, *Essentials of Latin*.

2. **Caesar**—*Gallic War*, 1-4; prose composition.



Philomathean Literary Society Hall

3. **Cicero**—*Cataline*, 1-4; *Archias*, *Manilian Law*; prose composition.

4. **Vergil**—*Aeneid*, 1-4; Mythology; prose composition.

## MATHEMATICS

PROFESSOR BOLTON

1. Elements of Algebra in the first and second terms of the first year; during the third term, Arithmetic from percentage. Frequent emphasis will be given to analytical processes; also to accuracy and thoroughness in oral and written statements. All students who purpose entering the elements of Algebra, or Arithmetic beginning at percentage, will be required to take an examination on the fundamentals of arithmetic preceding percentage.

Text: Smith, *Algebra for Beginners*.

2. *First Term*—Literal numbers; positive and negative numbers; the four fundamental processes; uses of parentheses; simple equations of one unknown with integral or fractional coefficients; and the solving of the simple literal formulas.

*Second Term*—Special products and factoring; highest common factor and lowest common multiple; reduction and fundamental operations of fractions; simple equations—fractional and literal in one unknown; graphical representation.

*Third Term*—Simultaneous linear equations; quadratic equations; imaginary roots; advanced factoring; ratio, proportion, and variation; powers and roots; graphical solutions.

Text: Wells and Hart, *First Year Algebra*.

3. **Plane Geometry**—*First Term*—Introduction, or preliminary course, followed by Book 1 on rectilinear figures. Students are required to do much constructive work, and to give full and formal proofs of many original exercises.

*Second Term*—Book 2—The circle; relation of circles; tangents; secants; measurement of angles; original exercises.



Book 3—Theory of proportion; proportional lines; construction of figures; similar polygons; many numerical exercises.

*Third Term*—Book 4—Areas of polygons; comparison and measurement of the surfaces of rectilinear figures; transformation of figures; original work.

Book 5—Regular polygons; measurement of the circle; relation of circumference to diameter; areas of regular polygons and circles; miscellaneous exercises.

Text: Wells and Hart, *Plane Geometry*.

4. **Advanced Algebra**—Three recitations a week during the first and second terms, followed by advanced study of quadratic equations with two variables and graphic solutions; radicals and radical equations; exponents and logarithms; ratio, proportion, and variation; progressions; permutations and combinations; determinants; and theory of equations.

Text: Wells and Hart, *Second Course in Algebra*.

5. Solid Geometry will be given during the third term with daily recitations. Special attention will be given to cylinders, cones, and spheres, with numerous practical exercises requiring the computation of surfaces and volumes.

Text: Robbins, *New Solid Geometry*.

6. **Plane Trigonometry**—This subject is elective for not less than three recitation periods a week during the first and second terms of the third year in the Normal Course. During the course the following subjects will receive special attention; trigonometric functions of acute angles or of any angle; the solution of right and oblique triangles by the use of logarithms; functions of the sum or difference of two angles; trigonometric identities and equations; miscellaneous applications.

Text: Wentworth—Smith, *Plane Trigonometry and Tables*.

7. **Advanced Arithmetic**—During the second term; daily recitations. The aim here will be thorough review, written analysis, and methods of teaching.



Texts: Durrell-Robbins, *Advanced Arithmetic*; Brown-Coffman, *How to Teach Arithmetic*.

## PHYSICAL EDUCATION

MISS BAYLESS

1. Work that will aid in the all-around development of the body is given in the first year. The elements of marching tactics, Swedish gymnastics, setting-up exercises, folk and athletic games—such as indoor baseball, basket ball, Newcomb and lawn tennis—are given.

2. Practice in teaching physical education is required throughout the year. Students are given thorough drill in the management of a gymnasium class.

3. **Playground Methods**—This course is arranged for teachers and for those desiring to specialize in physical education. It includes lecture work and actual practice in the management of playgrounds. The rules of many games are learned, and students are given practice in umpiring and refereeing.

## PIANO

MISS MOFFITT

It is our purpose to make the study of music a leading feature. The department offers the public a thorough and extensive course in this fine art. Those desiring special musical advantages may expect conscientious work, and, with proper application on the part of the pupil, the best results.

The piano course is divided into six grades.

Grades 1 and 2. **Preparatory**—Proper position of the hand and foundations of technique; selected studies by Koehler, Martin, Crosby-Adams, Forsyth, Matthews, Schumann, Gurlitt, Czerny, Reinecke and others.

Grades 3 and 4. **Academic**—Technical work by Heller, Loeschorn, Czerny; Bach's *Little Preludes*; sonatinas, by Clement, Kuhlak, Mozart, and others; octave studies by Turner and Low.

Grades 5 and 6. **Advanced Technical Work**—Studies by Liszt, Clementi, Cramer, Czerny, études by Chopin; Kullak's *Octave Studies*; Bach's *Well-Tempered Clavichord*; Beethoven's *Sonatus Concertos*.

Selections for solo work by the best composers of the classical, romantic, and modern schools, suitable for each grade, will be given with the above studies.

Grade 4 completed satisfactorily entitles a student to a certificate.

Grade 5 completed satisfactorily entitles a student to a diploma.

Grade 6 is considered post-graduate work.

No strict course can be outlined, as the teacher must look to the development of the individual pupil. This course shows the requirement, so that its equivalent may be used if necessary.

All students should take the theoretical course, which cultivates sound musicianship. This course consists of Harmony, Theory, History (musical), and Sight-Singing.

## SCIENCE

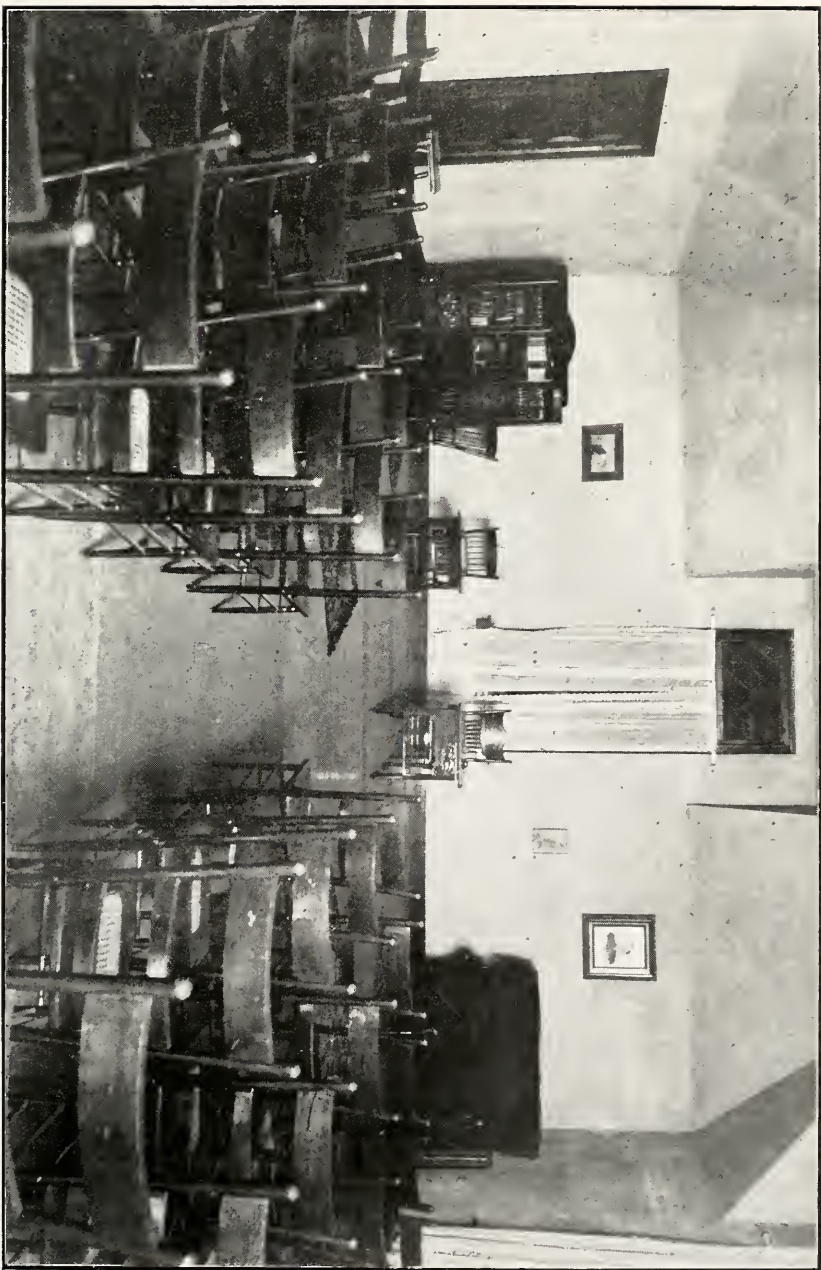
PROFESSOR HAMBY

1. **General Science**—An elementary, but thoroughly practical course, designed to awaken and develop an interest in scientific subjects and to help the student to acquire the scientific point of view. Instruction will consist of recitations, lectures, individual laboratory work, and one written review each week.

(a) The work of the first term will include among other topics a study of heat; foods and food preservation; fuels; household chemicals; yeast; and dyes.

Text: Clark, *Introduction to Science*.

(b) The work of the second term is a continuation of (a) and investigates the common metals used in the home; oils, paints, and varnishes; simple electric devices; currents; pumps, their construction and use; and other topics of general interest.



Knightonian Society Hall

(c) The third term is given to the study of color; sound; city water supply; climate, mountains; earthquakes, volcanies, and geysers, and other natural phenomena.

2. **Biology**—An introductory course given throughout the second year of the Academic Course. This course is designed to give the student a practical and sympathetic appreciation of the structure and functions of plant life, insects, and animals, and of the interrelation of these and man.

(a) The first term will be devoted to the study of functions and composition of living things; environment; flowers, fruits, and seeds—structure and function of leaf and stem, and methods of reproduction.

(b) A continuation of (a). Among the topics studied are modification of plants due to environment; protozoa and metazoa; mollusks; insects; vertebrates, and mammals.

(c) This term continues the preceding course, considering the following subjects: Man as a mammal; food, digestion, and absorption; circulation of the blood; respiration; the nervous system and sense organs.

The work of the three terms will include lectures, recitations, and laboratory investigation, together with frequent written reviews. Five recitations and two laboratory periods per week.

Text: Hunter, *Civic Biology*.

3. **Physics**—A thorough and practical course in the elements of physics. The work is designed to give the student a firm grasp of underlying principles and laws of the science, and to develop his interest by studying these principles in the light of modern discoveries and developments.

(a) The first term will study molecular physics; mechanics; motion; work; and other subjects.

(b) A continuation of (a), investigating, among other topics, sound, heat, and light.

(c) The third term will be given to the study of magnetism, electricity, electromagnetic induction, and dynamo-electric machin-

ery. Instruction will be by lectures, recitation, individual laboratory work, and written reviews. Five recitations and two hours laboratory work per week.

Text: Carhart and Chute, *First Principles of Physics*.

4. **Chemistry**—An elementary course in general chemistry. This course is intended to give the student a comprehensive grasp of the fundamental laws of chemistry, and to lay the foundation for future work.

(a) The work of the first term will include, besides a general introduction to the science, a study of a number of the most common elements and compounds, including those of the atmosphere; the atomic theory; acids, bases, and salts; and the effects of heat, light, and electricity on chemical action.

(b) A continuation of (a). Some of the topics investigated are molecular weights; Cyanogen and the Cyanides; the hydrocarbons; the halides; and the differentiation of metals and non-metals.

(c) The third term will be devoted to a detailed study of the common metals, and of standard methods for their separation and detection. The last month of this term will be given to a careful study of the periodic grouping of elements, spectrum analysis, and an investigation of the more common organic compounds.

The instruction will include lectures, recitations, individual laboratory work under personal direction of the instructor, and written reviews.

Five recitations and two hours laboratory work per week will be required.

Text: Newell, *Descriptive Chemistry*.

## SPANISH

DEAN ROBB

1. Rudiments of grammar; rules of written accentuation; drill in pronunciation; colloquial exercises; Spanish readings; dictation.



2. Review of irregular verbs and of syntax in connection with the reading of Alarcón; *Novelas cortas*; Tamayo y Baus, *Más vale maña que fuerza*; Galdós, *Doña Perfecta*; free reproduction; dictation; easy sight reading.

3. Alarcón, *El sombrero de tres picos*; Galdós, *Electra*; Valera, *Pepita Jiménez*; Gil y Zárate, *Guzmán el bueno*; Spanish conversation based on the texts read and on assigned topics; sight reading; translation largely eliminated

## MUSIC

### Violin

MISS CRAIG

This department is located in Bennett Hall, where an excellent studio is provided. Students, aside from instruction offered directly by the department, have opportunity for membership in the orchestra of the institution and for attendance upon the large number of recitals and concerts given during the year at the Chapel.

### Voice

MRS. HEDGE

Voice Training, implying principles of breathing, voice placing, elementary vocalization, enunciation and sight reading. Inequalities of the voice (called registers) are made even by proper practice. Songs selected from the best composers, suitable for the needs of the individual pupil, are given at the teacher's judgment.

# REGISTER OF STUDENTS

## Normal Course

### JUNIORS

Crumley, Ethel.....Prendergast, Tenn.	Neil, Nannie Bell.....Athens, Tenn.
Crumley, Katherine.....	Plank, Mrs. Myrtle.....Athens, Tenn.
.....Prendergast, Tenn.	Rodgers, Mary Blanche.....
Craig, Adelaide.....Athens, Tenn.	.....Lenoir City, Tenn.
Centry, Olga Mae.....Athens, Tenn.	Sliger, Anna.....Athens, Tenn.
Morrison, Eva Rebecca.....	Ware, Beulah .....Riceville, Tenn.
.....Etowah, Tenn.	

## Academic Course

### SENIOR

Cupp, Sara.....Goin, Tenn.	Stamey, Valire.....Waynesville, N. C.
Cotter, Cora Lee.....Patrick, N. C.	Sliger, Mrs. Laura.....Athens, Tenn.
Rayl, Gillian.....Niota, Tenn.	

## Preparatory

### FOURTH YEAR

Cagle, Lola.....Epworth, Ga.	Morris, James Zeb.....Mt. Zion, Ga.
Christenbury, Eva Mae .....	Reaves, Georgia.....Greeneville, Tenn.
.....Charlotte, N. C.	Swafford, Carrie.....Pikeville, Tenn.
Harmon, Ruth.....Newport, Tenn.	

### THIRD YEAR

Allen, Pearl.....Matthews, N. C.	Hopper, Anna.....Coalmont, Tenn.
Atchley, Margaret Jewel.....	Lane, Nora Jane.....
.....McDonald, Tenn.	.....Sandy Mush, N. C.
Budd, Annabel.....Columbus, Ohio	McNees, Solon.....Athens, Tenn.
Ely, Charles H.....Athens, Tenn.	Sumner, Mary Ella.....Roanoke, Va.
Easley, Violet.....Burrville, Tenn.	Simonds, Kathryn.....Athens, Tenn.
Gilliam, Joe .....Athens, Tenn.	

### SECOND YEAR

Brooks, Estella.....Knoxville, Tenn.	Grier, Worth.....Alto, Ga.
Ball, Nora.....Honaker, Va.	Goldston, Mona.....Oakdale, Tenn.
Cupp, Bertha.....Goin, Tenn.	Gambill, James.....Athens, Tenn.
Dykes, Louise.....Coalmont, Tenn.	Hampton, Braska.....Cisco, Ga.
Dowless, Arthur T.....Clarkton, N. C.	Harmon, Alma.....Newport, Tenn.
Elrod, Ezekiel W.....Patrick, N. C.	Harrison, Viola.....Cleveland, Tenn.
Easley, Vida.....Burrville, Tenn.	Jessee, Roma.....New Tazewell, Tenn.
Ely, Clio Marie.....Jonesville, Va.	Lockwood, Mabel.....Knoxville, Tenn.
Freeman, Florence....Alexander, N. C.	Lowry, Viola.....Raynham, N. C.

McConnell, Clarice..	Lenoir City, Tenn.	.....	Pikeville, Tenn.
Risley, Mary Johnnie.....		Styles, Flora.....	Emma, Ga.
.....	Chattanooga, Tenn.	Williams, Zula Ruth.....	Povo, Tenn.
Rowe, Eula.....	Athens, Tenn.	Winkler, Beatrice.....	Cleveland, Tenn.
Rowe, Anna.....	Athens, Tenn.	Wilson, Mary Grayce.....	
Ross, Emma.....	Mint, Tenn.	.....	Blue Ridge, Ga.
Ross, Ruth.....	Mint, Tenn.	Vance, Rosalie....	Johnson City, Tenn.
Swafford, Willie Hugo.....			

## FIRST YEAR

Armstrong, Clarence.....	Atlanta, Ga.	Lynch, Nelle.....	Dandridge, Tenn.
Arnold, Burlie.....	Athens, Tenn.	Lillard, Montie.....	Izeley, Tenn.
Arnold, Mrs. Nellie.....	Athens, Tenn.	McKinney, Howard..	Copperhill, Tenn.
Blair, Grace.....	Cleveland, Tenn.	McGhee, Nola Mae....	Maryville, Tenn.
Bogart, Verna M....	Sevierville, Tenn.	Maples, Myrtle.....	Lenoir City, Tenn.
Bowers, Willa Mae..	Copperhill, Tenn.	Martin, LeRoy.....	Athens, Tenn.
Brown, Reece Bell.....	Euchee, Tenn.	Patterson, Zelma.....	Knoxville, Tenn.
Brown, Clara.....	Euchee, Tenn.	Patton, Imogene.....	Litton, Tenn.
Cate, Pauline.....	Athens, Tenn.	Pickel, Earl.....	Eagan, Tenn.
Campbell, Julia.....		Pollard, Ruth.....	Oakdale, Tenn.
.....	E. Chattanooga, Tenn.	Queen, Gertrude Elizabeth .....	
Cox, Cleo.....	Greenville, Tenn.	.....	Copperhill, Tenn.
Dew, Joseph M.....	Athens, Tenn.	Reed, Elizabeth.....	Athens, Tenn.
Dodson, Grace Lee.....	Athens, Tenn.	Rayl, Hortense.....	Athens, Tenn.
Edgmon, Ada.....	Erie, Tenn.	Skelton, Stella Mae....	Riceville, Tenn.
Edgmon, Charles.....	Erie, Tenn.	Swafford, Eliza.....	Pikeville, Tenn.
Elrod, Tiney.....	Patrick, N. C.	Sapp, Winnie Adaa....	Cullman, Ala.
Fogleman, Henderson....	Rockdell, Va.	Sandusky, Jacob C.....	
Guthrey, Iris.....	Athens, Tenn.	.....	Lawrenceburg, Tenn.
Hood, Eva Clare.....	Kingston, Tenn.	Smalley, Edythe.....	Kingston, Tenn.
Harmon, James E..	Sweetwater, Tenn.	Shubert, Nelle....	Chamberlain, Tenn.
Hall, Bertha.....	Murphy, N. C.	Smith, Stella Pearl.....	
Hall, Jessie Lee.....	Oakdale, Tenn.	.....	Greenville, Tenn.
Hall, Gusta.....	Blue Ridge, Tenn.	Underwood, Alma Rose.....	
Hickman, Price.....	Kingsport, Tenn.	.....	Signal Mountain, Tenn.
Hill, Ruby Dassa.....	Maryville, Tenn.	Wilkinson, William D..	Pulaski, Tenn.
Holt, Mamie.....	Blue Ridge, Ga.	Willard, Melvin.....	Maryville, Tenn.
Irwin, Mary.....	LaFollette, Tenn.	Willard, Martin.....	Maryville, Tenn.
Johnson, Harvey.....	Athens, Tenn.	Whitney, Madeline....	Oneonta, N. Y.
King, Helen Elizabeth.....		Wexler, Georgia....	Piney Flats, Tenn.
.....	Copperhill, Tenn.	Woodfin, Edgar.....	Blantyre, N. C.
Kirkland, Lucile....	Sweetwater, Tenn.	Zeigler, Nellie.....	Giles, W. Va.
Lockwood, Lillian....	Knoxville, Tenn.	Zeigler, Carlisle.....	Giles, W. Va.
Lyon, Katherine.....	Ironton, Ohio		

## Sub-Preparatory

Bryson, Lola.....	Niota, Tenn.	Lankford, Lora.....	Decatur, Tenn.
Brown, Claud.e.....	Kingston, Tenn.	Lane, Eugene.....	Odessa, N. C.
Billings, William.....	Kingston, Tenn.	McNees, Bessie Mae..	Mosheim, Tenn.
Frazier, Nellie Mae.....		Mullinex, Estha.....	Ramhurst, Ga.
.....	Chattanooga, Tenn.	Murphy, Clara.....	Waco, Ga.
Hickman, Margaret Bell.....		Norton, Ethel.....	Pinhook, Tenn.
.....	Lenoir City, Tenn.	Wilkinson, Mrs. Maud.....	
Hickey, Nettie.....	Suit, N. C.	.....	Pulaski, Tenn.
Irwin, Daisy.....	LaFollette, Tenn.	Williamson Rastus....	Hiwassee, N. C.
Johnson, Mrs. Vera.....	Athens, Tenn.		

## Irregular

Adams, Bertie.....	Decatur, Tenn.	Johnson, Myrtice.....	Bowdon, Ga.
Baker, Lucy.....	LaFollette, Tenn.	League, Sallie.....	LaFollette, Tenn.
Budd, Gertrude.....	Columbus, Ohio	Lowry, Stella Mae....	Raynham, N. C.
Dodson, Helen.....	Athens, Tenn.	Miller, Cora.....	LaFollette, Tenn.
Earnest, Esther.....	Bowdon Jet., Ga.	Smith, Maude.....	Athens, Tenn.
Edgemon, Iva.....	Athens, Tenn.	Stokes, Beatrice.....	LaFollette, Tenn.
Gilbert, Georgia.....	Athens, Tenn.	Wilson, Freda Madge...	Athens, Tenn.
Heatherly, Ada.....	LaFollette, Tenn.	Whitfield, Anita....	Chattanooga, Tenn.
Irwin, Nora.....	LaFollette, Tenn.		

## Piano

Bayless, Joy	Reaves, Georgia
Blair, Grace	Robb, Hester
Bogart, Verna	Rodgers, Blanche
Childress, Mary Neal	Ross, Emma
Cupp, Bertha	Ross, Ruth
Earnest, Esther	Rowan, Katherine
Edgmon, Ada	Rowan, Margaret
Farrell, Frances	Rowe, Eula
Farrell, Jeanette	Russell, Lyun
Hampton, Braska	Simonds, Dorothy
Harmon, Ruth	Simonds, Kathryn
Hoback, Mrs. J. E	Sherman, Tola
Hood, Eva Clare	Smalley, Edythe
Irwin, Daisy	Smith, Maude
Johnson, Myrtice	Styles, Flora
King, Helen	Swafford, Eliza
Kirkland, Lucile	Swafford, Willie
Lasater, Maggie	Taylor, Stella Mae
Lockmiller, Dorothy	Ware, Beulah
Long, Ruth Mae	Watson, Nona
Maples, Myrtle	Wilkinson, Mrs. W. D.
Morris, Clara	Willson, Julia
Murphy, Clara	Woolsey, Blanche
Patton, Imogene	Zeigler, Carlisle
Pollard, Ruth	Zeigler, Nellie

## Domestic Science

### FIRST YEAR

Budd, Annabel	Lockwood, Lillian
Bogart, Verna	Lowry, Viola
Campbell, Julia	Pollard, Ruth
Cate, Pauline	Skelton, Stella Mae
Guthrey, Iris	Stamey, Valire
Lane, Nora	Winkler, Beatrice

### SECOND YEAR

Easley, Vida	King, Helen
Harmon, Ruth	Lane, Nora
Hopper, Anna	Morrison, Eva
Johnson, Myrtice	

## THIRD YEAR

Easley, Vida  
 Easley, Violet  
 Harmon, Ruth  
 Hutsell, Abbie

Hutsell, Themis  
 Hopper, Anna  
 Johnson, Myrtice  
 Lane, Nora

## Domestic Art

## FIRST YEAR

Arnold, Mrs. Nellie  
 Budd, Annabel  
 Blair, Grace  
 Bowers, Willa Mae  
 Cate, Pauline  
 Dodson, Grace  
 Edgmon, Ada  
 Ely, Clio  
 Frazier, Nellie Mae  
 Gambill, Mrs. James  
 King, Helen  
 Lockwood, Mabel

Lowry, Viola  
 Patton, Imogene  
 Ross, Ruth  
 Ross, Emma  
 Shubert, Nelle  
 Swafford, Eliza  
 Skelton, Stella Mae  
 Sumner, Mary  
 Styles, Flora  
 Underwood, Alma Rose  
 Zeigler, Carlisle  
 Zeigler, Nellie

## SECOND YEAR

Allen, Pearl  
 Easley, Vida  
 Harmon, Ruth  
 Harmon, Alma

Hopper, Alma  
 Johnson, Myrtice  
 Lane, Nora  
 Lowry, Stella Mae

## SPECIAL

Brown, Reece Bell  
 Brown, Clara  
 Brooks, Estella  
 Bryson, Lola  
 Ball, Nora  
 Campbell, Julia  
 Cox, Cleo  
 Christenbury, Elva  
 Dykes, Louise  
 Easley, Violet  
 Elrod, Tiney  
 Earnest, Esther  
 Irwin, Daisy  
 Freeman, Florence  
 Guthrey, Iris  
 Hood, Eva Clare  
 Hall, Jessie Lee  
 Hickman, Margaret Bell

Hill, Ruby Dassa  
 Johnson, Mrs. Vera  
 Lockwood, Lillian  
 McGhee, Nola Mae  
 McNeas, Mrs. Mae  
 McNeas, Bessie Mae  
 Mullinex, Estha  
 Rayl, Hortense  
 Rowe, Eula  
 Roark, Dassa  
 Smalley, Edythe  
 Smith, Stella Pearl  
 Sapp, Winnie Ada  
 Winkler, Beatrice  
 Wilkinson, Mrs. W. D.  
 Williams, Zula Ruth  
 Wexler, Georgia



**Commercial**

Armstrong, Clarence  
Bowers, Willa Mae  
Easley, Vida  
Easley, Violet  
Edgemon, Iva  
Fogleman, Henderson  
Gilbert, Georgia  
Harmon, James

Hall, Gusta  
Holt, Mamie  
Lowry, Stella Mae  
McKinney, Howard  
Rayl, Gillian  
Torbett, Rossie  
Wilson, Freda  
Woodfin, Edgar

**Violin**

Craig, Ronald  
Craig, Elizabeth  
Hedge, Constance  
Johnson, Myrtice  
Leath, Elizabeth

Rowan, Margaret  
Sherman, Tola  
Wexler, Georgia  
Woolsey, Blanche

**Voice**

Arnold, Burlie  
Earnest, Esther  
Gambill, James  
Queen, Gertrude  
Sandusky, Jacob

Smalley, Edythe  
Wilkinson, W. D.  
Woolsey, Blanche  
Zeigler, Nellie

## SUMMARY

<i>Normal Course—</i>	
Juniors -----	10
<i>Academic Course—</i>	
Seniors -----	5
<i>Preparatory—</i>	
Fourth Year -----	6
Third Year -----	11
Second Year -----	30
First Year -----	61
<i>Sub-Preparatory</i> -----	16
<i>Irregular</i> -----	17
<i>Music—</i>	
Piano -----	50
Voice -----	9
Violin -----	9
<i>Home Economics—</i>	
Domestic Science -----	27
Domestic Art -----	67
<i>Commercial</i> -----	16
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Total -----	334
Counted more than once -----	154
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Total Net Enrollment, The Athens School -----	180

128

1919

1018 312  
 22

## FORM OF BEQUEST

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*I give and bequeath to the University of Chattanooga  
at Chattanooga and Athens, Tennessee, the sum of  
.....Dollars,  
for the general purposes of the institution, according to  
the Acts of the Assembly incorporating the same.*

### Bequest of Money—Will

I give and bequeath to the "Trustees of University of Chattanooga," a corporation organized under the laws of Tennessee, and located at Chattanooga and Athens, Tennessee, the sum of----- and the receipt of the Treasurer of said corporation shall be a sufficient discharge of my executors for the same.

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### Devise of Land

I give and devise to the "Trustees of University of Chattanooga," a corporation organized under the laws of Tennessee, and located at Chattanooga and Athens, Tennessee, in fee simple, the following lands and premises, described as follows:-----

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to have and hold the same with the appurtenances thereto, for the purpose of said corporation.

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### Residue of an Estate

hereby give, devise and bequeath to the "Trustees of University of Chattanooga," a corporation organized under the laws of Tennessee, and located at Chattanooga and Athens, Tennessee, all of the rest, residue and remainder of my estate—real, personal and mixed—of which I shall die seized or possessed, for the purpose of said corporation.

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### Bequest of Money or Land as a Codicil

I, ----- do hereby make this as a codicil to my last Will and Testament, which bears the date of----- that is to say:

I give and bequeath (of land, I give and devise) to the "Trustees of University of Chattanooga," a corporation organized under the laws of Tennessee, and located at Chattanooga and Athens, Tennessee, the sum of-----

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(if it be real estate describe it) and the receipt of the Treasurer of said corporation shall be a sufficient discharge to my executors for the same. I hereby ratify and confirm my said Will, except as hereby modified and altered.

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### Form of Attesting

The foregoing instrument of writing was on this-----day of----- A. D. 19----- signed, sealed, published and declared by said-----, as and for his last Will and Testament, in our presence, and we have, at his request, in his presence, and in the presence of each other, subscribed our names as witnesses thereto.

(Signed)-----  
(Signed)-----